

Iowa Crops & Weather

Iowa Agricultural Statistics



210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
To access NASS reports - <http://www.usda.gov/nass/>



Issued June 23, 2003

Vol. 03-16

For the week ending June 22, 2003

Alfalfa First Cutting Nears Completion

Agricultural Summary: The main field activities last week included side-dressing nitrogen, baling and moving hay, and spraying for weeds. Post-emergence corn herbicide spraying was almost complete, and spraying in soybeans was under way. Windy conditions hindered spraying progress last week. Soybean fields were described as weedy, and there were reports of corn planted in early April that was five feet in height. Although scattered rain showers fell across Iowa last week, all crops could use some rain.

There were 6.0 **days suitable for fieldwork**, compared to 4.8 days last week and 5.5 days last year at this time. **Topsoil moisture** rated 3 percent very short, 22 percent short, 71 percent adequate, and 4 percent surplus across Iowa. **Subsoil moisture** rated 2 percent very short, 16 percent short, 75 percent adequate, and 7 percent surplus.

Field Crops Report: The **oat acreage headed** was 81 percent, compared to 37 percent last week. **Oat** condition rated 0 percent very poor, 3 percent poor, 14 percent fair, 60 percent good, and 23 percent excellent. The **corn stand** was reported as 94 percent of normal. The **average corn height** for Iowa was 19 inches, while the **tallest corn height** was 29 inches. **Corn** condition rated 0 percent very poor, 3 percent poor, 16 percent fair, 58 percent good, and 23 percent excellent. **Soybean emergence** was at 98 percent, similar to last year's progress of 99 percent emergence, but ahead of the 5-year average of 96 percent emergence. **Soybean** condition rated 1 percent very poor, 3 percent poor, 16 percent fair, 61 percent good, and 19 percent excellent. The **first cutting of alfalfa hay** was 93 percent complete. **Hay** condition rated 0 percent very poor, 3 percent poor, 18 percent fair, 60 percent good, and 19 percent excellent.

Livestock, Pasture, and Range Report: Last week was a good week for livestock due to favorable weather. **Pasture and Range**

condition rated 1 percent very poor, 3 percent poor, 19 percent fair, 61 percent good, and 16 percent excellent.

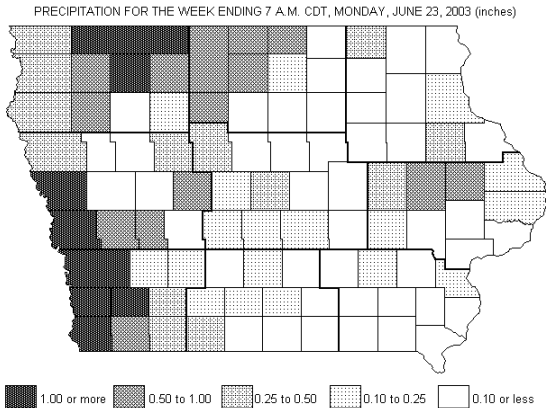
Iowa Weather Summary

Afternoon temperatures for the first three days of the past work week were in the 80's across most of Iowa with a few isolated readings in the 90's, including a 93 degree maximum at Emmetsburg on Monday (16th). Cooler and much drier air prevailed later in the week with daytime temperatures in the mid 70's to low 80's on Thursday (19th) and Friday (20th) while overnight lows fell into the 40's and 50's. Elkader reported the week's lowest temperature with a 40 degree minimum on Friday (20th) morning. Humidity increased again over the weekend with daytime highs in the 80's. Temperatures for the week as a whole averaged from 2.6 degrees above normal at Sioux City down to 3.7 degrees below normal at Ottumwa.

Showers and thunderstorms were scattered across the northwest one-half of Iowa on Tuesday (17th) and were widely scattered over the southeast sections of the state on Wednesday (18th). A few isolated thunderstorms developed on Saturday (21st) in far west and northwest Iowa. Finally, the most widespread rain event of the week came on Sunday (22nd) with thunderstorms over much of the western one-third of Iowa. A few isolated storms produced some severe wind and/or hail on Tuesday, Wednesday, and Sunday. No measurable rain was recorded at numerous eastern Iowa locations during the week, including Burlington, Ottumwa, Waterloo, and Dubuque while Logan reported the most rain with 2.26 inches. The statewide average precipitation was 0.33 inches or a little less than one-third of the weekly normal of 1.05 inches.

Statewide Crop Conditions as of June 22, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	0	3	16	58	23
Hay, all	0	3	18	60	19
Oats	0	3	14	60	23
Range & Pasture	1	3	19	61	16
Soybeans	1	3	16	61	19



Field Work and Crop Progress as of June 22, 2003

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, tallest height	25	28	27	27	30	29	33	35	33	29	NA	NA	NA
Corn, average height	17	19	18	18	21	20	22	21	18	19	NA	NA	NA
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn stand (normal = 100%)	95	95	91	93	91	96	97	92	94	94	92	NA	NA
Oats headed	77	69	79	76	88	84	83	83	91	81	37	81	76
Hay, alfalfa - first crop harvested	95	95	90	93	96	93	93	90	97	93	72	NA	NA

NA = Not applicable.

Days Suitable & Soil Moisture Condition as of June 22, 2003

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
Days suitable	5.4	5.8	6.8	5.7	6.1	6.5	5.4	6.4	6.8	6.0	4.8	5.5
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	0	1	6	0	0	13	0	7	2	3	0	4
Short	8	28	43	14	17	25	4	23	40	22	5	19
Adequate	84	67	51	80	77	62	86	68	56	71	85	67
Surplus	8	4	0	6	6	0	10	2	2	4	10	9
Subsoil moisture												
Very short	0	0	3	1	0	4	2	11	1	2	1	4
Short	5	16	23	8	6	20	14	25	39	16	11	20
Adequate	88	67	64	86	91	64	75	61	59	75	80	69
Surplus	7	17	10	5	3	12	9	3	1	7	8	7

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, June 22, 2003										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	89	50	70	2	0.78	-0.20	8.04	-1.10	142	11
	91	53	73	3	0.35	-0.70	8.31	-0.85	166	19
	89	52	72	4	0.37	-0.54	7.58	-1.53	158	20
	89	57	73	5	0.62	-0.43	7.87	-0.87	164	8
Britt Humboldt Mason City Northwood	North Central District									
	86	54	71	-1	0.16	-0.89	10.82	1.00	147	0
	87	54	71	1	0.09	-1.03	11.85	1.72	152	10
	87	47	69	-1	0.00	-1.07	8.39	-1.98	134	-2
	84	48	68	-2	0.00	-0.98	10.41	0.71	128	-8
Decorah Dubuque Elkader Independence Waterloo	North East District									
	87	43	68	-2	0.00	-1.04	7.92	-2.47	130	-7
	86	41	67	-3	0.00	-0.98	8.46	-2.60	122	-9
	89	40	66	-4	0.00	-0.91	11.43	1.44	112	-43
	87	42	68	-2	0.00	-1.05	13.14	2.59	126	-33
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	86	54	70	-3	0.60	-0.38	12.21	1.46	142	-12
	88	53	71	1	0.00	-1.18	9.89	-1.37	148	4
	88	55	72	0	0.00	-1.05	8.88	-1.41	153	11
	88	45	70	-1	0.12	-1.01	11.93	0.81	144	-1
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	89	47	71	2	0.11	-1.08	9.73	-1.57	151	12
	88	50	71	2	0.12	-1.13	12.20	0.49	148	6
	89	57	74	2	0.00	-1.06	12.79	2.48	169	11
	86	52	71	2	0.00	-1.19	11.51	0.64	148	6
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	87	47	69	-2	0.23	-0.88	8.63	-1.62	136	-10
	87	44	69	-4	0.04	-1.01	7.93	-2.21	136	-20
	88	46	70	-4	0.00	-1.07	7.90	-3.09	141	-21
	89	40	68	-3	0.00	-1.12	6.33	-5.09	131	-14
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	87	44	67	-4	0.19	-0.92	6.53	-3.92	123	-19
	86	51	70	-3	0.03	-1.02	11.74	1.16	140	4
	85	56	71	-2	0.92	-0.14	12.36	1.01	146	-10
	89	57	73	1	1.44	0.35	12.43	1.24	165	9
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	86	56	71	-1	0.93	-0.19	11.58	1.07	147	0
	87	58	73	-1	1.13	-0.10	12.26	0.50	160	-4
	86	48	69	-3	0.15	-0.93	12.32	1.21	134	-15
	85	46	68	-4	0.08	-0.91	11.95	0.72	126	-20
Bloomfield Burlington Ottumwa	South East District									
	87	52	70	-4	0.00	-0.98	11.76	1.02	138	-19
	86	51	70	-3	0.00	-0.98	9.29	-0.93	145	-12
	87	48	70	-4	0.00	-0.91	9.31	-0.67	141	-20

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.